

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

#### *Smallpox.*

*Cleveland, Ohio.*—Under date of May 17, 1891, Passed Assistant Surgeon Brooks reports one case of smallpox sent to the pesthouse by the health officer.

*Philadelphia, Pa.*—*Disappearance of smallpox.*—The health officer, Dr. Jos. G. Patterson, reports that smallpox has finally disappeared. The last case was varioloid, and all of the patients have been discharged from the hospital.

#### *Royal Commission on Vaccination—Request for information.*

The Bureau is in receipt of a letter from the British Legation in Washington requesting authentic information regarding the occurrence of epidemic smallpox in the United States, and also regarding "any case of injury alleged to be due to vaccination that may excite public attention." This information is requested in behalf of the English Royal Commission on Vaccination.

Readers of the ABSTRACT who may be sufficiently interested to contribute to the information desired are informed that short descriptive articles upon any local epidemic of smallpox, and any properly authenticated account of injury alleged to be due to vaccination, if sent to this Bureau, will be forwarded, through proper channels, to the British Legation and due acknowledgment will be made therefor.

#### *Reports of States, and yearly and monthly reports of cities.*

**CALIFORNIA.**—Month of April, 1890. Reports to the State board of health from 67 cities and towns, with an estimated population of 674,830. show a total of 1,064 deaths, including phthisis pulmonalis, 164; enteric fever, 14; scarlet fever, 1; diphtheria, 48; croup, 21; and whooping cough, 3. The *Monthly Circular* says:

The only disease that may be said to prevail extensively is la grippe, 363 cases being reported from different parts of the State, with an ac-

credited fatality of 13. Fresno reported 33 cases, with 31 of bronchitis and 5 of pneumonia. Red Bluff 50, with 5 of bronchitis and 10 of pneumonia. Lincoln 10, with 1 of bronchitis. College City 16, with 7 of bronchitis and 4 of pneumonia. Pleasanton 20, with 20 of bronchitis and 2 of pneumonia. Elsinore reported 15 cases, Alturas 13, Vacaville 10, with 8 of bronchitis and 1 of pneumonia. Eureka 5, with 10 of bronchitis and 2 of pneumonia. Anderson had 40 cases, Middletown 11, Oakdale 4, Calico 10, Knights Ferry 8, Gridley 10, Needles 20, National City 6, Etna Mills 15, Santa Paula 3, Benicia 6, and Truckee 60 cases. San Francisco, Los Angeles, San Diego, and other southern points of importance report none at all. Oakland, Alameda, and San José are almost, if not altogether, exempt. The progress of this remarkable malady has been somewhat erratic, following no well-defined course, and requiring no unusual local conditions for its development. It is unnecessary to predict its future in California. If the prevalence of moisture in some portions of the State during April is responsible for the extension of its visit, it would seem to follow that San Francisco, which had heavier rainfalls than for years before in April, should have had la grippe. Such, however, was not the case; none being reported. The southern portion of the State has not been entirely exempt. Needles and Calico are in a region rated by the Signal Office as below normal in rainfall for April, but yet they have suffered severely from la grippe. In these instances moisture can not have been the cause.

**CONNECTICUT.**—Month of April, 1891. Reports to the State board of health from 167 towns, having an estimated population of 746,674, show a total of 1,260 deaths, including phthisis pulmonalis, 149; influenza, 33; enteric fever, 9; scarlet fever, 18; measles, 15; and whooping cough, 6.

**FLORIDA**—*Jacksonville.*—Month of April, 1891. Population, 17,201. Total deaths, 43, including phthisis pulmonalis 13.

**ILLINOIS**—*Chicago.*—Month of April, 1891. Population, 1,099,850. Total deaths, 3,450, including phthisis pulmonalis, 231; influenza, 120; enteric fever, 136; scarlet fever, 39; diphtheria, 51; croup, 24; measles, 43; and whooping cough, 15.

**IOWA**—*Davenport.*—Year ended March 1, 1891. Population, 26,872. Total deaths, 386. Death rate, 16.25. Of contagious diseases, a total of 317 cases have been reported, as follows: Diphtheria, 193; scarlet fever, 94; measles, 25; and enteric fever, 5.

Month of March, 1891. Total deaths, 39, including phthisis pulmonalis, 2; influenza, 3; scarlet fever, 1; and diphtheria, 2.

Month of April, 1891. Total deaths, 26, including phthisis pulmonalis, 1; influenza, 8; and diphtheria, 2.

**Dubuque.**—Month of March, 1891. Population, 30,311. Total deaths, 49, including influenza, 3; scarlet fever, 1; and measles, 1.

Month of April, 1891. Total deaths, 47, including influenza, 2; enteric fever, 1; scarlet fever, 2; diphtheria, 2; and measles, 1.

*Keokuk*.—Month of April, 1891. Population, 14,101. Total deaths, 23, including phthisis pulmonalis, 1; influenza, 1; enteric fever, 1; scarlet fever, 1; and diphtheria, 3.

KENTUCKY—*Louisville*.—Month ended May 2, 1891. Population, 161,129. Total deaths, 271, including phthisis pulmonalis, 30; influenza, 2; enteric fever, 4; scarlet fever, 2; diphtheria, 9; croup, 2; measles, 5; and whooping cough, 1.

MASSACHUSETTS—*Springfield*.—Month of April, 1891. Population, 44,179. Total deaths, 68, including phthisis pulmonalis, 12; enteric fever, 1; influenza, 1; diphtheria, 2; and measles, 2.

*Worcester*.—Month of April, 1891. Population, 84,655. Total deaths, 121, including phthisis pulmonalis, 6; influenza, 1; enteric fever, 2; scarlet fever, 2; membranous croup, 1; diphtheria, 3; and measles, 1.

MICHIGAN.—Week ended May 2, 1891. Reports to the State board of health, Lansing, from 58 observers indicate that membranous croup, puerperal fever, and inflammation of brain increased, and that cerebro-spinal meningitis, typho-malarial fever, diphtheria, dysentery, inflammation of bowels, scarlet fever, typhoid fever, and whooping cough decreased in area of prevalence.

Diphtheria was reported present during the week at 25 places, scarlet fever at 33 places, enteric fever at 25 places, and measles at 52 places.

Week ended May 9, 1891. Reports to the State board of health, Lansing, from 62 observers, indicate that cerebro-spinal meningitis, cholera infantum, inflammation of brain, typho-malarial fever, inflammation of bowels, erysipelas, and pneumonia increased, and that diphtheria, puerperal fever, membranous croup, cholera morbus, and pleuritis decreased in area of prevalence.

Diphtheria was reported present during the week at 19 places, scarlet fever at 31 places, enteric fever at 6 places, and measles at 47 places.

MINNESOTA—*Duluth*.—Month of March, 1891. Population, 33,115. Total deaths, 48, including phthisis pulmonalis, 4; enteric fever, 6; scarlet fever, 1; and diphtheria, 4.

Month of April, 1891. Total deaths, 26, including phthisis pulmonalis, 4; enteric fever, 3; and whooping cough, 1.

MISSOURI—*St. Louis*.—Month of April, 1891. Population, 451,770. Total deaths, 842, including phthisis pulmonalis, 83; enteric fever, 10; scarlet fever, 8; diphtheria, 23; croup, 6; measles, 12; and whooping cough, 5.

NEW JERSEY—*Hudson County*.—Month of April, 1891. Population,

283,850. Total deaths, 862, including phthisis pulmonalis, 77; enteric fever, 16; scarlet fever, 8; measles, 19; and whooping cough, 3.

OHIO—*Dayton*.—Month of April, 1891. Population, 61,220. Total deaths, 72, including phthisis pulmonalis, 8; enteric fever, 1; influenza, 2; diphtheria, 5; and croup, 2.

TENNESSEE—*Chattanooga*.—Month of April, 1891. Population, 29,100. Total deaths, 60, including phthisis pulmonalis, 16; enteric fever, 4; scarlet fever, 1; croup, 2; and measles, 1.

*Nashville*.—Month of April, 1891. Population, 76,168. Total deaths, 150, including phthisis pulmonalis, 23; influenza, 2; enteric fever, 4; measles, 4; and whooping cough, 4.

*Publications received.*

Annual report of the board of health of the city of Dayton, Ohio, 1890.

The Monthly Sanitary Record of the Ohio State board of health for April, 1891.

Annual reports of the city officers of Davenport, Iowa, year ended March 1, 1891.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
New York, N. Y.	May 16.	1,515,301	873	112					5	34	21	22	11
Philadelphia, Pa.	May 16.	1,046,964							19	12	11		
Brooklyn, N. Y.	May 16.	806,343	405	43					22	14	18	9	5
Boston, Mass.	May 16.	448,477	209	28					2	1	4	1	4
Baltimore, Md.	May 16.	434,439	200	18							5		
San Francisco, Cal.	May 9.	298,997	125								3		
Cincinnati, Ohio.	May 15.	296,908	126	15					3	1	7	1	
Cleveland, Ohio.	May 2.	261,353	115	11					1		3		
Cleveland, Ohio.	May 9.	261,353	84	6					1		4		1
Washington, D. C.	May 9.	230,392	129	19					3		5	2	1
Detroit, Mich.	May 16.	205,876	74	5							5		2
Milwaukee, Wis.	May 16.	204,468	81	10					2				
Rochester, N. Y.	May 16.	133,896	36								1		
Kansas City, Mo.	May 2.	132,716	35	4									
Kansas City, Mo.	May 9.	132,716	40	6							2		
Providence, R. I.	May 16.	132,146	52								3		
Indianapolis, Ind.	May 16.	105,436	35	1						1	1	1	
Toledo, Ohio.	May 15.	81,434	32	2							4	1	
Richmond, Va.	May 9.	81,388	34	4									1
Richmond, Va.	May 16.	81,388	44	6					2				1
Nashville, Tenn.	May 16.	76,168	34										
Fall River, Mass.	May 16.	74,398	30	3									
Lynn, Mass.	May 9.	55,727	20							1			
Portland, Me.	May 16.	36,425	16										
Binghamton, N. Y.	May 15.	35,005	15	3									
Mobile, Ala.	May 16.	31,076	15	2					1				
Auburn, N. Y.	May 16.	25,858	19	3							1		
Newton, Mass.	May 9.	24,379	6	2									
Newport, R. I.	May 14.	19,457	6	1					1				
San Diego, Cal.	May 9.	16,159	5										
Pensacola, Fla.	May 9.	11,750	2						1				



Table of temperature and rainfall, week ended May 15, 1891.

[Received from War Department, Signal Office.]

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	46	14		.98		.46
Portland, Me.....	52		14	.72		.39
Boston, Mass.....	55	14		.77		.69
Block Island, R. I.....	51	14		.84		.80
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	58	28		.56		.55
New York, N. Y.....	59	28		.75		.61
Philadelphia, Pa.....	61	28		.63		.29
Atlantic City, N. J.....	56	14		.58	.10	
Baltimore, Md.....	63	14		.77		.17
Washington, D. C.....	63	2		.84		.17
Lynchburg, Va.....	65		14	.84	1.10	
Norfolk, Va.....	65		14	.91	.06	
<b>South Atlantic States:</b>						
Charlotte, N. C.....	68		28	.98	3.66	
Wilmington, N. C.....	69		14	.94		.85
Charleston, S. C.....	72		28	.87	.07	
Augusta, Ga.....	72		42	.77	1.35	
Savannah, Ga.....	73		28	.40	.12	
Jacksonville, Fla.....	74		14	.94		.93
Key West, Fla.....	80		42	.78		.54
<b>Gulf States:</b>						
Atlanta, Ga.....	68		14	.85		.72
Pensacola, Fla.....	73		14	.70		.70
Mobile, Ala.....	72		28	.98		.83
Montgomery, Ala.....	72		14	.91		.35
Vicksburg, Miss.....	72		42	1.00		1.08
New Orleans, La.....	71		28	1.14		.40
Shreveport, La.....	73		56	.99		.99
Fort Smith, Ark.....	68		42	.98		.93
Little Rock, Ark.....	69		28	1.26		1.30
Palestine, Tex.....	71		56	1.63		1.45
Galveston, Tex.....	75		28	.92		.80
San Antonio, Tex.....	74		42	.77		.05
Corpus Christi, Tex.....	75		28	.76		.71
Brownsville, Tex.....	77			.78		
Rio Grande City, Tex.....	80			.70		
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	69		28	.84		.84
Nashville, Tenn.....	67		14	.78		.78
Chattanooga, Tenn.....	67		14	.98		.94
Knoxville, Tenn.....	65		28	.84		.10
Louisville, Ky.....	65		14	.84		.84
Indianapolis, Ind.....	62			.91		.81
Cincinnati, Ohio.....	63		21	.77		.71
Columbus, Ohio.....	61		14	1.12		1.12
Pittsburgh, Pa.....	61			.77		.76
<b>Lake Region:</b>						
Oswego, N. Y.....	53	14		.56		.56
Rochester, N. Y.....	55	14		.66		.66
Buffalo, N. Y.....	52			.70		.69
Erie, Pa.....	54	14		.76		.75
Cleveland, Ohio.....	55			.71		.69
Sandusky, Ohio.....	57	14		.77		.73
Toledo, Ohio.....	57	14		.70		.67
Detroit, Mich.....	57	14		.77		.31
Port Huron, Mich.....	51	28		.72		.62
Alpena, Mich.....	48	28		.82		.82
Marquette, Mich.....	47			.56		.45
Grand Haven, Mich.....	53			.76		.60
Milwaukee, Wis.....	52	28		.77		.67
Chicago, Ill.....	54	28		.84		.62
Duluth, Minn.....	47	42		.72		.69
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	56	42		.70		.68
La Crosse, Wis.....	57	42		.65		.63
Dubuque, Iowa.....	58	30		.89		.84
Davenport, Iowa.....	59	14		1.02		.46
Des Moines, Iowa.....	60	3		1.08		1.00
Keokuk, Iowa.....	61	14		.90		.40
Springfield, Ill.....	61	14		1.12		.60
Cairo, Ill.....	66		14	.84		.84
St. Louis, Mo.....	65			.88	.02	

Table of temperature and rainfall, week ended May 15, 1891—Continued.

Locality.	Mean temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Missouri Valley:</b>						
Springfield, Mo.....	67		42	1.41		1.19
Kansas City, Mo.....	63		14	.91	.51	
Concordia, Kans.....	61			.94		.42
Omaha, Nebr.....	61			1.00		.90
Valentine, Nebr.....	56			.84		.83
Huron, S. D.....	54	14		.77		.77
Sully, Fort, S. D.....	56			.49		.31
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	52			.56		.44
Bismarck, N. D.....	53			.56	.08	
Buford, Fort, N. D.....	53			.36		.18
<b>Rocky Mountain Slope:</b>						
Assinniboine, Fort, Mont.....	52	14		.23	.13	
Helena, Mont.....	52	14		.28		.26
Custer, Fort, Mont.....	54			.42		.35
Salt Lake City, Utah.....	58			.45		.37
Cheyenne, Wyo.....	50			.49	1.23	
North Platte, Nebr.....	57	14		.63		.62
Denver, Colo.....	55			.74		.13
Montrose, Colo.....	56		6	.15	.23	
Pueblo, Colo.....	58			.28	.10	
Dodge City, Kans.....	62		28	.86		.78
Sill, Fort, Ind, T.....	68		55	.98	.22	
Santa Fe, N. Mex.....	55		42	.16	.50	
<b>Pacific Coast:</b>						
Olympia, Wash.....	54	14		.53		.51
Portland, Oreg.....	59			.58		.56
Roseburg, Oreg.....	59		14	.41		.40
Red Bluff, Cal.....	67		14	.30		.26
Sacramento, Cal.....	64		28	.19		.19
San Francisco, Cal.....	58		28	.14		.14
Los Angeles, Cal.....	64		14	.07		.07
San Diego, Cal.....	62		14	.07		.06
Yuma, Ariz.....	77		42	.00		.00

## FOREIGN.

(Reports received through the Department of State and other channels.)

*Sanitary commission at Constantinople—Report of United States commissioner—Rumors of plague in the Assyr, and sanitary condition and mortality statistics of Constantinople.*

REPORT NO. 21.—The general sanitary administration at Constantinople has received a report from Jeddah, concerning the epidemic which rages at Eb-ha in the Assyr. By this report we can be informed of some symptoms of the disease. They are sore throat, bleeding from the mouth, and discharges of blood. The death occurs in the second or third day. Not a single patient, it is said, had a bubo. These symptoms are notified to the general sanitary administration by an M. D. living at Jeddah, who has not visited any patient.

We will not fail to have more precise intelligence, and then I will again bring it to your cognizance.

CONSTANTINOPLE, April 9, 1891.

S. C. ZAVITZIANO.

REPORT NO. 22.—The sanitary news sent from the different provinces of the Turkish Empire do not indicate any epidemical disease.

The sanitary condition of Constantinople is not very satisfactory. Scarcely it would be found many houses whose inhabitants are doing perfectly well. There exists an epidemic fever, which is considered as a slight influenza, notwithstanding many physicians consider it as typhoid fever. It lasts, in the cases of mild form, very few days, but in others it lasts two or three weeks. There is no enlargement of the spleen, nor *petechiæ*. It is accompanied with symptoms of inflammation of the respiratory or digestive apparatus. The temperature rises ordinarily to 39 degrees and so continues to 40 degrees centigrade. Unhappily nobody has tried to make any microscopical examination in order to discover any microbe, and especially Eberth's bacillus. It is but rarely fatal.

The number of deaths registered for the month of March was 1,155, thirty-eight of which are attributed to smallpox.

CONSTANTINOPLE, April 24, 1891.

S. C. ZAVITZIANO.

CEYLON—*Colombo—Smallpox.*—Week ended April 16, 1891. The United States consul reports, under date of April 17, 1891, 40 cases of smallpox and 10 deaths therefrom during the above-named week.

CUBA—*Havana.*—Under date of May 9, 1891, the United States sanitary inspector sends the following weekly report:

There were 127 deaths in this city during the week ended the 8th instant. Six of those deaths were caused by smallpox, 1 by enteric fever, 1 by bilious fever, 2 by so-called pernicious fever, and 1 by hydrophobia.

EGYPT.—Week ended April 16, 1891. The towns in upper and lower Egypt, including Gizeh and the Suez Canal, show a total of 895 deaths, including phthisis pulmonalis, 62; enteric fever, 41; smallpox, 5; diphtheria and croup, 3; measles, 6; and whooping cough, 4.

FRANCE—*Marseilles.*—Month of April, 1891. Population, 375,378. Total deaths, 922, including smallpox, 40; enteric fever, 12; scarlet fever, 2; diphtheria and croup, 68; measles, 18; and whooping cough, 5.

*Rouen*.—Month of March, 1891. Population, 106,496. Total deaths, 387, including smallpox, 12; enteric fever, 42; influenza, 89; scarlet fever, 8; diphtheria, 11; measles, 81; and whooping cough, 65.

**GREAT BRITAIN**—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended May 2 corresponded to an annual rate of 26.8 a thousand of the aggregate population, which is estimated at 9,715,559. The lowest rate was recorded in Birkenhead, viz, 15.0, and the highest in Sheffield, viz, 70.5 a thousand. Diphtheria caused 5 deaths in Manchester and 3 in Newcastle-upon-Tyne.

*London*.—Two thousand and six deaths were registered during the week, including measles, 38; scarlet fever, 10; diphtheria, 24; whooping cough, 72; enteric fever, 8; and diarrhoea and dysentery, 14. The deaths from all causes corresponded to an annual rate of 23.3 a thousand. Diseases of the respiratory organs caused 1,018 deaths. In greater London 2,457 deaths were registered, corresponding to an annual rate of 21.8 a thousand of the population. In the "outer ring" the deaths included measles, 9; whooping cough, 10; and diphtheria, 12.

*Ireland*.—The average annual death rate, represented by the deaths registered during the week ended May 2, in the 16 principal town districts of Ireland, was 24.7 a thousand of the population. The lowest rate was recorded in Sligo, viz, 9.6, and the highest in Waterford, viz, 41.7 a thousand. In Dublin and suburbs 165 deaths were registered, including enteric fever, 2; typhus, 1; and influenza, 1.

*Scotland*.—The deaths registered in eight principal towns during the week ended May 2 corresponded to an annual rate of 23.1 a thousand of the population, which is estimated at 1,345,563. The lowest mortality was recorded in Greenock, viz, 14.3, and the highest in Paisley, viz, 38.8 a thousand. The aggregate number of deaths registered from all causes was 603, including measles, 30; scarlet fever, 9; diphtheria, 4; whooping cough, 25; fever, 2; and diarrhoea, 10.

**MEXICO**—*Guaymas*.—Month of April, 1891. Population, 6,600. Total deaths, 20. No deaths from contagious diseases.

**NETHERLANDS**.—Month of February, 1891. The deaths registered in the principal cities, having an aggregate population of 1,172,995, correspond to an annual rate of 27.2 a thousand. The deaths included typhus and enteric fevers, 14; phthisis pulmonalis and throat diseases, 202; scarlet fever, 4; diphtheria, 24; croup, 14; measles, 45; and whooping cough, 51.

**WEST INDIES**—*St. Thomas*.—Quarter ended March 31, 1891. Total deaths, 106, including phthisis pulmonalis, 14; diphtheria, 3; and croup, 2.



## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
London.....	Apr. 25	5,877,390	2,230					13	8	29	57	
London.....	May 2	5,877,390	2,457					8	7	10	36	
Paris.....	Apr. 25	2,260,945	1,157					11	4	4	37	8
Paris.....	May 2	2,260,945	1,168			1		11	4	7	32	33
Vienna.....	Apr. 18	1,368,156	755			26		3	1	2	2	1
Liverpool.....	Apr. 25	620,443	314					1	1	2	1	
Liverpool.....	May 2	620,443	324					1	1	2	1	
Glasgow.....	Apr. 25	545,678	279					1	1	2	2	
Glasgow.....	May 2	545,678	284					1	5	2	2	
Brussels.....	Apr. 25	469,459	208									
Rome.....	May 5	417,392	213			11		4		3	19	2
Lyons.....	Apr. 25	401,930	196									
Leipzig.....	Apr. 18	362,555	110						2	1	1	
Leipzig.....	Apr. 25	362,555	103									
Munich.....	Apr. 25	349,000	185									
Copenhagen.....	Apr. 25	320,000	124					1	4	2	2	
Odessa.....	Apr. 25	295,000	132					1	2	2		2
Cologne.....	Apr. 25	283,031	108			2						
Dresden.....	Apr. 25	276,085	115					1		2		
Edinburgh.....	Apr. 25	275,436	95									
Edinburgh.....	May 2	275,436	87						2	1		
Barcelona.....	May 1	272,000	234									
Palermo.....	Apr. 25	250,000	103			3		8		10		
Antwerp.....	May 2	238,788	117							3		
Belfast.....	Apr. 25	234,822	112			2		1	4			
Belfast.....	May 2	234,822	134									
Rotterdam.....	May 2	209,134	105				1	2				
Pernambuco.....	Mar. 24	200,000	59									
Pernambuco.....	Mar. 31	200,000	74			3						
Pernambuco.....	Apr. 7	200,000	60									
Prague.....	Apr. 30	182,530	136			2						
Genoa.....	May 2	180,525	76					2		3		
Frankfort-on-the-Main.....	Apr. 25	179,850	55								1	
Hanover.....	Apr. 25	168,500	63						1	3		1
Konigsberg.....	Apr. 26	161,200	60							4		
Trieste.....	Apr. 24	158,054	70									
Ghent.....	Apr. 25	152,395	81					1		2	4	
Christiania.....	Apr. 18	150,444	62						1	4		
Christiania.....	Apr. 25	150,444	79									
Nuremberg.....	Apr. 18	142,523	61									
Stuttgart.....	May 2	139,659	62							3		
Hioho.....	Apr. 11	136,012	65							4		
Hioho.....	Apr. 18	136,012	55			2						
Funchal.....	Apr. 25	133,250	14			1			2	2		
Bremen.....	Apr. 25	125,000	46									
Danzig.....	Apr. 25	120,459	65								2	
Stettin.....	Apr. 25	116,000	56					1		3		
Gothenburg.....	Apr. 25	106,246	63						1	1		
Aix-la-Chapelle.....	Apr. 26	104,207	36									
Zurich.....	Apr. 25	91,323	43				1		2	8	23	2
Leith.....	Apr. 25	80,736	19									
Mannheim.....	Apr. 25	80,000	24									
Jerez de la Frontera.....	Apr. 11	61,708	51					1				
Jerez de la Frontera.....	Apr. 18	61,708	38			3		1				
Cadiz.....	Apr. 11	57,157	40			1						
Cadiz.....	Apr. 18	57,157	32							1		
Cadiz.....	Apr. 25	57,157	39							1		
Trapani.....	Apr. 25	43,065	11									
Cienfuegos.....	May 3	41,647	10									
Cienfuegos.....	May 10	41,647	14									
Marsala.....	Apr. 25	40,131	20					1				
Schiedam.....	May 2	25,437	7									
Cardenas.....	May 10	25,000	11									
Cartagena.....	Apr. 25	25,000	9									
Vera Cruz.....	Apr. 30	23,800	24		2							
Vera Cruz.....	May 7	23,800	23		3							
Kingston, Can.....	May 8	18,172	18									
Kingston, Can.....	May 15	18,172	16									
Matamoros.....	May 9	16,000	11									
Sagua la Grande.....	May 2	15,605	10					1				
Sagua la Grande.....	May 9	15,605	10									
Cape Haytien.....	Mar. 28	15,000	7									

## MORTALITY TABLE, FOREIGN CITIES—CONTINUED.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Cape Haytien.....	Apr. 4....	15,000	6								
Cape Haytien.....	Apr. 11....	15,000	4								
Cape Haytien.....	Apr. 18....	15,000	6								
Cape Haytien.....	Apr. 25....	15,000	6								
Cape Haytien.....	May 2....	15,000	5								
Flushing.....	May 2....	13,200	4								
St. Thomas, W. I.....	Apr. 17....	12,019	35								
St. Thomas, W. I.....	Apr. 24....	12,019	46								
St. Thomas, W. I.....	May 1....	12,019	51								
Sonneberg.....	Apr. 11....	11,600	3								
Sonneberg.....	Apr. 18....	11,600	5								
Sonneberg.....	Apr. 25....	11,600	4							1	
Port Stanley and St. Thomas.	Apr. 22....	11,000	4								
Port Stanley and St. Thomas.	Apr. 29....	11,000	5								
Guelph.....	May 10....	10,173	3								
Tuxpan.....	May 2....	9,000	11								1
Chatham.....	May 9....	8,730	1								
La Guayra.....	Apr. 25....	7,641	3								
La Guayra.....	May 2....	7,641	3								

OFFICIAL:

JOHN B. HAMILTON,

Supervising Surgeon-General, Marine-Hospital Service.